

March 4, 1994 (designating the US) which is a continuation-in-part of copending application Serial No. 08/026,393 filed March 4, 1993, which issued as U.S. Patent No. 5,612,487; which itself is a continuation-in-part of Serial No. 07/750,049 filed August 26, 1991 (now abandoned). This application is also a continuation-in-part of application Serial No. 08/156,508 filed November 23, 1993, which issued as U.S. Patent No. 5,484,719 January 16, 1996. Applicants incorporate herein by reference the specification of each of the above-mentioned applications.--

In the Claims

Claims 2-72 have been canceled.

Claims 73-77 have been added:

73. (New)

A method of producing an immunogenic composition comprising expressing a recombinant viral immunogen in a plant, wherein said immunogen is expressed in the plant at a level such that upon oral administration of said composition to an animal, an immunogenic response is observed.

74. (New)

The method of claim 73 wherein said immunogen is capable of generating an immunogenic response when the immunogen interacts with a mucosal membrane.

75. (New)

The method of claim 73 wherein said immunogen is a chimeric protein.

76. (New)

The method of claim 73 wherein said immunogen is an immunogen derived from a hepatitis virus.

77. (New)

The method of claim 73 wherein said immunogen is an immunogen derived from a transmissible gastroenteritis virus